

FIG. 1

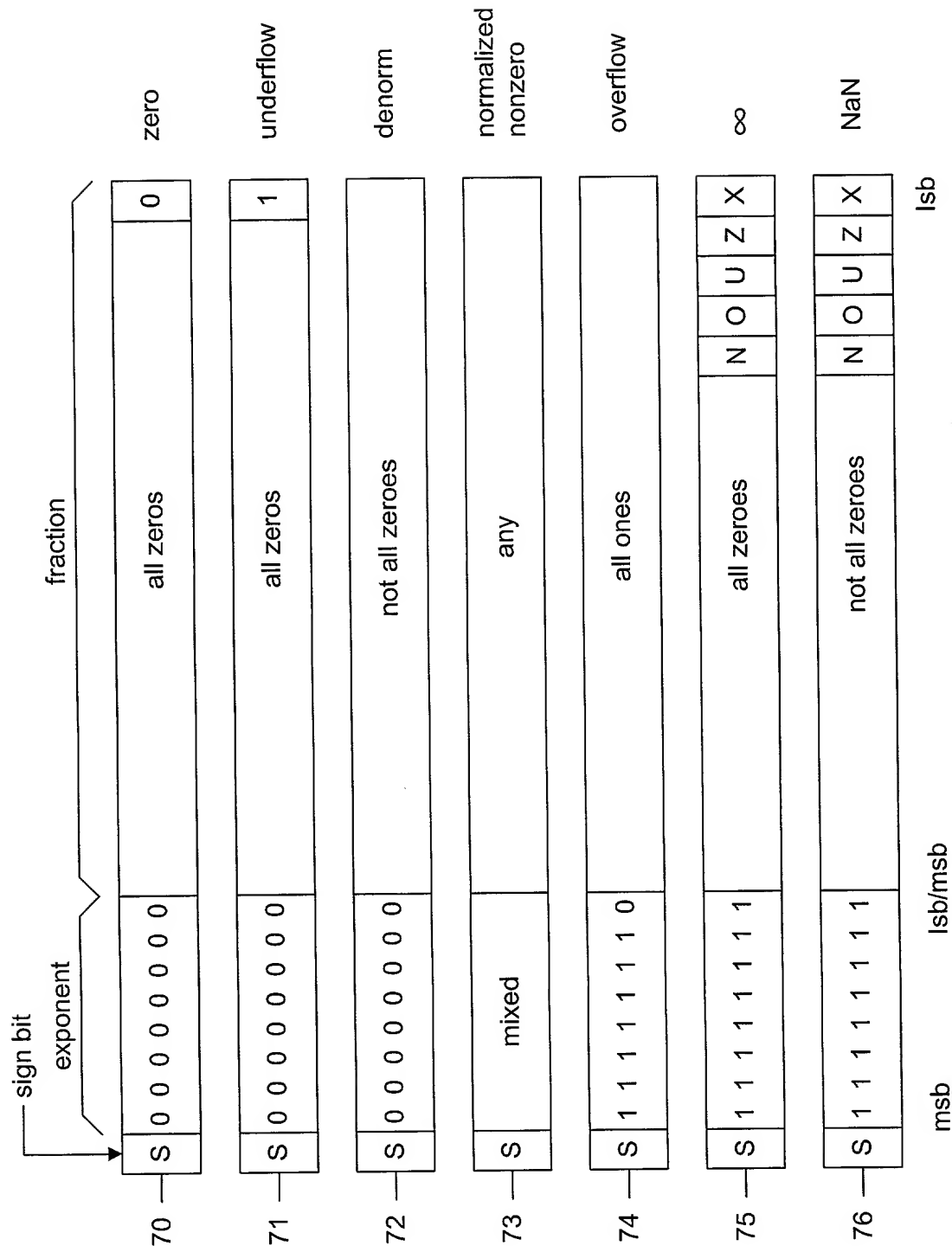


FIG. 2

sqrt	
-∞	The result is the positive NaN value 0 11111111 100000000000011001 ouzx (to indicate "square root of less than zero" with the invalid operation flag set), where ouzx is the four least significant bits $f_{sb+3}...f_{sb}$ of the fraction field of the operand
-OV	The result is the positive NaN value 0 11111111 1000000000000110011001 (to indicate "square root of less than zero" with the invalid operation, overflow, and inexact flags set).
-P	The result is the positive NaN value 0 11111111 1000000000000110010000 (to indicate "square root of less than zero" with the invalid operation flag set).
-UN	The result is the positive NaN value 0 11111111 1000000000000110010101 (to indicate "square root of less than zero" with the invalid operation, underflow, and inexact flags set).
-0	The result is -0.
+0	The result is +0.
+UN	For "round toward plus infinity", the result is the same as if +UN were replaced by +TINY; for all other rounding modes, the result is +UN.
+P	The result is as computed in accordance with IEEE Std. 754.
+OV	For "round toward minus infinity", the result is the same as if +OV were replaced by +HUGE; for all other rounding modes, the result is +OV.
+∞	The result is the same as the operand.
NaN	The result is the same NaN value, except that the sign of the result is always +.

FIG. 3

1--10---	[-NaN]	-	*	00 0 0 001 1000 1 00000	[+NaN op1 f1]
1--11---	[-Inf]	-	*	00 0 0 001 0001 1 10000	[+"sqrt neg" f1   n]
1-1---1-	[-OV]	-	*	00 0 0 001 0001 0 11001	[+"sqrt neg" nox]
1-----1	[-Q]	-	*	00 0 0 001 0001 0 10000	[+"sqrt neg" n]
11---1--	[-UN]	-	*	00 0 0 001 0001 0 10101	[+"sqrt neg" nux]
11---1--	[-0]	-	*	00 0 1 100 0100 0 00000	[-0]
01---1--	[+0]	-	*	00 0 0 100 1000 0 00000	[+0]
01---1--	[+UN]	0-	*	00 0 0 100 1000 0 00001	[+UN]
01---1--	[+UN]	10	*	11 1 0 000 0000 0 00000	[sqrt (TINY) ]
01---1--	[+UN]	11	*	00 0 0 100 1000 0 00001	[+UN]
0-----1	[+P]	-	*	00 1 0 001 0000 0 00000	[sqrt (P) ]
0-1---1-	[+OV]	0-	*	00 0 0 010 0010 0 11111	[+OV]
0-1---1-	[+OV]	10	*	00 0 0 010 0010 0 11111	[+OV]
0-1---1-	[+OV]	11	*	01 1 0 000 0000 0 00000	[sqrt (HUGE) ]
0--11---	[+Inf]	-	*	00 0 0 001 1000 1 00000	[+Inf op1 f1]
0--10---	[+NaN]	-	*	00 0 0 001 1000 1 00000	[+NaN op1 f1]

FIG. 4